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(54) **DUAL FUNCTION STRAP FOR RESONATING ELEMENTS AND ULTRA HIGH FREQUENCY ANTENNAS**

(57) A device, comprises a foldover circuit, folded at a fold line; a bridge portion of a strap that contacts a first coil end and a second coil end of a coil antenna such that the bridge portion and coil ends are capacitively coupled

using a dielectric adhesive; and a UHF antenna element that is coupled to a UHF portion of the strap 610 when the foldover circuit is folded.

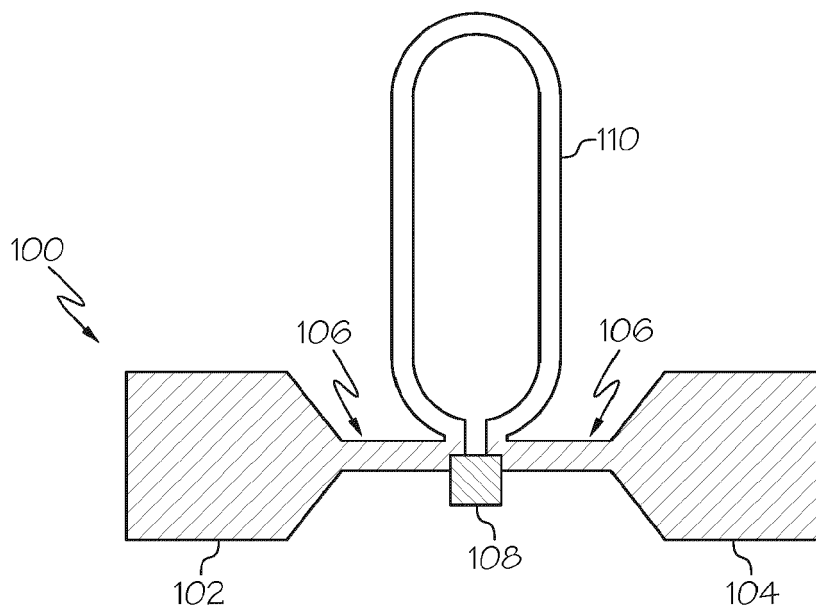


FIG. 1A



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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 21 September 2023	Examiner Berger, Christian
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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